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### Numerical analysis | mathematics | Britannica

Applications of Numerical Methods in Engineering Objectives: B Motivate the study of numerical methods through discussion of engineering applications. B Illustrate the use of Matlab using simple numerical examples. University of Michigan Department of Mechanical Engineering January 10, 2005

### Applications of Numerical Methods in Engineering CNS 3320

Application of Numerical Methods to Geotechnical Problems Proceedings of the Fourth European Conference on Numerical Methods in Geotechnical Engineering Numge98 udine, Italy October 14-16, 1998

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### Numerical analysis - Wikipedia

Advanced numerical methods are essential in making numerical weather prediction feasible. Computing the trajectory of a spacecraft requires the accurate numerical solution of a system of ordinary differential equations. Car companies can improve the crash safety of their vehicles by using computer simulations of car crashes.

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